

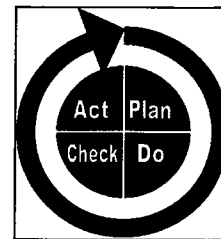
US EPA ARCHIVE DOCUMENT

## **Attachment 2 – EPA Energy Guidebook Workshop**



# Sustainable Energy Management For Wastewater Treatment Facilities EPA Energy Guidebook Workshop

University of Rhode Island  
Graduate School of Oceanography  
Coastal Institute Building  
218 South Ferry Road  
Narragansett, RI 02882  
401-874-6222



April 1, 2009  
8:30 AM – 3:00 PM

## MEETING AGENDA

**8:30 – 8:45 AM**

### Welcome and Opening Remarks:

Narragansett Bay Commission  
Environmental Protection Agency  
Rhode Island Department of Environmental Management

**8:45 – 10:00 AM**

### Plan-Do-Check-Act Process – EPA Energy Guide Book

Rhode Island Manufacturing Extension Services – John Gilheeney

**10:00 – 10:15 AM**

### Break

**10:15 AM – 12:00 PM**

### Plan-Do-Check-Act Process – EPA Energy Guide Book - continued

Rhode Island Manufacturing Extension Services – John Gilheeney

**12:00 PM – 1:00 PM - Lunch Provided**

### Energy Star Portfolio Manager Demonstration

Narragansett Bay Commission – Barry Wenskowicz

**1:00 PM – 3:00 PM**

### Group Discussion and Project Planning

*Intended Audience: This workshop is designed for Wastewater Treatment Facility personnel responsible for energy use and/or management including but not limited to: facility managers and superintendents, and engineering, operations and maintenance staff.*

## *Project Partners*

### *Narragansett Bay*

#### *Commission*

*James McCaughey*

*401-461-8848 x 352*

*[jmccaughey@narrabay.com](mailto:jmccaughey@narrabay.com)*

#### *University of Rhode Island*

*Dr. Gene Park, PhD.*

*401-222-4700 x 4415*

*[park@egr.uri.edu](mailto:park@egr.uri.edu)*

#### *RI Department of*

#### *Environmental*

#### *Management*

*Dr. Richard Enander, PhD.*

*401-222-4700 x 4411*

*[richard.enander@DEM.RI.GOV](mailto:richard.enander@DEM.RI.GOV)*

#### *RI Manufacturers Extension*

#### *Services*

*John Gilheeney*

*401-270-8896 x 406*

*[jgilheeney@rimes.org](mailto:jgilheeney@rimes.org)*

#### *EPA Region I*

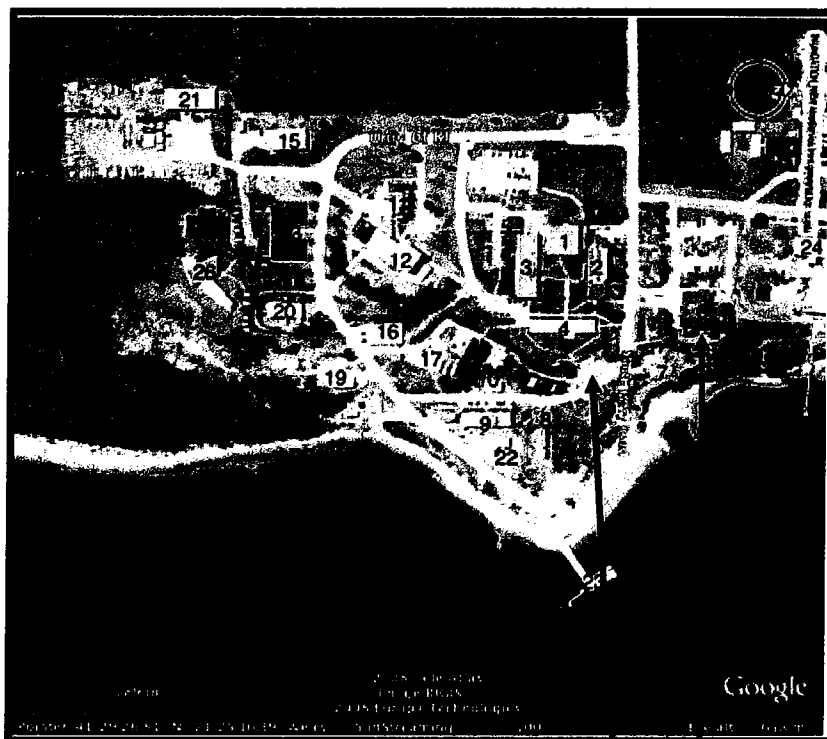
*Gina Snyder*

*617-918-1837*

*[Snyder.gina@epamail.epa.gov](mailto:Snyder.gina@epamail.epa.gov)*



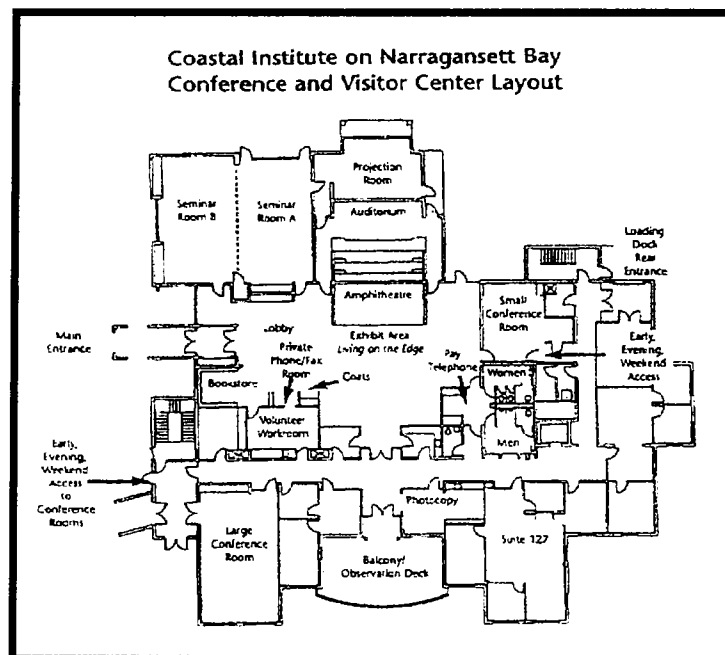
URI Graduate School of Oceanography  
Coastal Institute Building  
218 South Ferry Road  
Narragansett, RI 02882  
(401) 874-6222  
**Campus Map**



**Please park in the Lower Parking Lot**

**Coastal Institute Building**

**Enter the building through the Bookstore Entrance.**



## **DIRECTIONS to the URI Graduate School of Oceanography, Coastal Institute Conference Center**

### **From the West:**

Via Rt. 1. Interstate 95N to Exit 92 in Conn. Right turn after leaving expressway, then about 1.5 mi. on Conn. 2 to 78. Take Rt. 78E (a barrier divides the roadway) 4 mi. to Rt. 1N in Westerly, R.I. Go left on Rt. 1N for about 27 mi. to intersection of Rts. 1 and 138. Make a right onto Bridgetown Rd. Continue to next traffic signal (intersection of Bridgetown Road and Scenic 1A). Cross intersection onto South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

Via Rt. 138. Interstate 95N to exit 3A in R.I. (Kingston exit). Turn right off exit ramp onto Rt. 138E (Kingstown Rd.). Continue on 138 (passing the University's Kingston Campus on the left) to Rt. 1 and cross the junction onto Bridgetown Rd. Continue on Bridgetown Rd. to South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

---

### **From the North:**

Interstate 95S toward N.Y. and Narragansett. (From T.F. Green Airport, follow the Airport Connector signs to join 95S at exit 13.) Continue on 95S to Exit 9 and exit in left lane off highway onto Rt. 4S. Continue to Rt. 1 and the junction of Rt. 138W. Take a left at the tower onto Bridgetown Rd. Continue to South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

---

### **From the East:**

Rt. 195 to 24S to 138W. Cross Newport (toll \$2) and Jamestown Bridges. Take the first exit after the bridge onto Rt. 1A toward Narragansett. Continue south to the first traffic signal and make a left onto South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

**NBC State Innovation Grant Project**  
**Guidebook Training**  
 Wednesday April 1, 2009  
 8:30 AM - 3:00 PM

Name	Affiliation	Phone #	
MATT CALDERIS	Town of Bristol	253-8877	mattcalderis
James Dymont	Beta Group, Inc. / Town of Bristol	333-2382	jdymont@
RICHARD ESTEN	CITY OF NEWPORT UTILITIES	845-5602	RESTEN@
JIM LAUZON	NEWPORT WPCF MGR	845-2000	JAMES.LAUZON
Barbara Cesaro	RIDEM / DAR	222-2808 x7019	Barbara
Joel Burke	WSA -	468-4724	joel.f.b
JANINE BURKE	WARWICK SEWER	738-0354	janine.L.
Karen Goffe	Veolia Water	231-1506	Karen.g
CARMINE GONECONTE	NARR. BAY COMM - FP	461-8848 x210	CGonecon
Rob Morten	Q.D.C.	295-0044 <sup>262</sup>	RMORTEN
Bill HARRIS	Q.D.C.	" " 221	BHARRIS
Scott Duerr	United Water Westerly	596-2847	Scott.D
John MARTIN	Burrillville Sewer Commission	568-6296	JMARTIN
Paul Robertson	Town of Jamestown	401-423-7295	NM Farm @
Douglas Ouellette	Town of Jamestown	401-423-7295	Dowell





[illegible]



## Work Shop Attendee List

Facility	First Name	Last Name	Phone	e-mail
West Warwick Regional WWTF	Dave	Chorlton	822-9228	<a href="mailto:dchorlton@westwarwickri.org">dchorlton@westwarwickri.org</a>
Jamestown Sewer Division	Paul	Robertson	423-7295	<a href="mailto:nmfarm@cox.net">nmfarm@cox.net</a>
United Water	James	Lauzon		<a href="mailto:james.lauzon@unitedwater.com">james.lauzon@unitedwater.com</a>
Warwick Sewer Authority	Joel	Burke	739-4949	<a href="mailto:joel.f.burke@warwickri.com">joel.f.burke@warwickri.com</a>
Burrillville WWTF	John	Martin	568-9463	<a href="mailto:jmartin@burrillville.org">jmartin@burrillville.org</a>
West Warwick Regional WWTF	Peter	Eldridge	822-9228	<a href="mailto:peldridge@westwarwickri.org">peldridge@westwarwickri.org</a>
West Warwick Regional WWTF	David	Chorlton	822-9228	<a href="mailto:dchorlton@westwarwickri.org">dchorlton@westwarwickri.org</a>
Bristol Sewer Commission	Mathew	Calderiso	253-8877	<a href="mailto:mattcalderiso@yahoo.com">mattcalderiso@yahoo.com</a>
Narragansett Bay Commission - Field's Point WWTF	Carmine	Goneconte	461-8848	<a href="mailto:cgoneconte@narrabay.com">cgoneconte@narrabay.com</a>
Narragansett - Scarborough WWTF	Douglas	Nettleton	782-0682	<a href="mailto:dnettleton@muni.ri.net">dnettleton@muni.ri.net</a>
Jamestown Sewer Division	Douglas	Ouellette	423-7295	<a href="mailto:douellette419@yahoo.com">douellette419@yahoo.com</a>
Newport Utilities	Richard	Esten	845-5602	<a href="mailto:restin@cityofnewport.com">restin@cityofnewport.com</a>
Quonset WWTF	Vasilois	Harritos	295-0044 x 224	<a href="mailto:vharritos@gdcri.com">vharritos@gdcri.com</a>
Quonset Point WWTF	Rob	Norton	294-0044 x 262	<a href="mailto:rnorton@gdcri.com">rnorton@gdcri.com</a>
South Kingstown Regional WWTF	Bernard	Bishop	788-9772	<a href="mailto:bbishop@southkingstownri.com">bbishop@southkingstownri.com</a>
Veolia Water	Karen	Goffe	231-1506	<a href="mailto:karen.goffe@veoliawaterna.com">karen.goffe@veoliawaterna.com</a>
Warwick Sewer Authority	Janine	Burke	739-4949	<a href="mailto:janine.l.burke@warwickri.com">janine.l.burke@warwickri.com</a>
EMS Services Program	Madeline	Snow	617-817-5111	<a href="mailto:madeline.snow@uml.edu">madeline.snow@uml.edu</a>
EPA Region I	Gina	Snyder	617-918-1837	<a href="mailto:snyder.gina@epa.gov">snyder.gina@epa.gov</a>
Narragansett Bay Commission - Field's Point WWTF	James	McCaughey	461-8848 x 352	<a href="mailto:jmccaughey@narrabay.com">jmccaughey@narrabay.com</a>
Narragansett Bay Commission - Field's Point WWTF	Barry	Wenskowicz	461-8848	<a href="mailto:barry.wenskowicz@narrabay.com">barry.wenskowicz@narrabay.com</a>
Narragansett Bay Commission - Field's Point WWTF	David	Aucoin	461-8848	<a href="mailto:daucoin@narrabay.com">daucoin@narrabay.com</a>
University of Rhode Island	Eugene	Park	874-4303	<a href="mailto:park@egr.uri.edu">park@egr.uri.edu</a>
Rhode Island DEM	Alex	Pinto	222-4700	<a href="mailto:alex.pinto@dem.ri.gov">alex.pinto@dem.ri.gov</a>
Rhode Island DEM	Matt	Puglia	222-4700	<a href="mailto:bill.patenaude@dem.ri.gov">bill.patenaude@dem.ri.gov</a>
	James	Dymont	333-2382	<a href="mailto:jdymont@beta-inc.com">jdymont@beta-inc.com</a>
Westerly	Scott	Duerr	596-2847	<a href="mailto:scott.duerr@unitedwater.com">scott.duerr@unitedwater.com</a>



**Sustainable Energy Management for Wastewater Treatment Facilities - EPA Energy Guidebook**  
**University of Rhode Island Graduate School of Oceanography Coastal Institute Building**

**April 1, 2009 8:30 AM – 3:00 PM**

**Evaluation Form and Questionnaire**

**Knowledge/Interest Assessment**

<b>Topic</b>	<b>Current Knowledge Level Average Rating</b>	<b>Interest In Learning More Average Rating</b>
Solar Energy:	2.00	4.08
Energy Efficient Lighting:	3.08	4.00
The ENERGY STAR Benchmarking tool:	1.67	3.92
Premium Energy Efficient Motors:	3.08	3.92
Wind Energy:	2.08	3.83
The ENERGY STAR Portfolio Manager:	1.67	3.75
Variable Frequency Drives:	3.08	3.75
Energy Efficient Aeration Systems:	2.75	3.75
Energy Bills (Supply and Demand Costs):	2.17	3.67
Energy Efficient Pumps and Pump Systems:	2.92	3.58
Power Factors and Power Factor Correction Equipment:	1.92	3.58
Geothermal Energy (i.e. heat pumps):	1.75	3.42
Energy Demand Response Programs:	2.50	3.42
Combined Heat and Power (Cogeneration) Systems:	1.58	3.25
National Grid Rebate Programs:	1.58	3.00
Rhode Island Energy Related Legislation:	1.42	3.00
Renewable Energy Financing Opportunities:	1.33	2.75
Hydroelectric Systems:	1.42	2.67
Vehicle/Fleet Energy Issues:	1.92	2.67
Carbon Trading Programs:	1.42	2.58



## Workshop Assessment

Topic:	Goals		Collecting Data		Policy Statement		Objectives and Targets		Plan-Do-Act-Check	
	Before	After	Before	After	Before	After	Before	After	Before	After
Facility										
NBC	3	5	2	5	3	5	3	5	2	5
NBC	2	3	3	3	1	3	3	4	1	3
Scarborough	3	4	2	4	2	4	2	3	2	4
Jamestown	5	5	2	4	1	3	3	5	1	4
West Warwick	2	3	1	3	2	4	2	4	3	4
West Warwick	3	5	2	5	2	5	3	5	2	5
Warwick	3	4	2	3	2	3	2	3	3	4
Newport	2	3	2	3	2	3	2	3	2	3
QPDC	2	4	2	3	2	4	2	4	2	4
QPDC	2	4	3	5	2	4	3	4	2	4
Burrillville	3	4	4	4	2	3	3	4	2	4
Bristol	3	4	3	4	3	4	3	4	3	4
Jamestown	1	3	1	4	1	4	2	5	2	5
	34	51	29	50	25	49	33	53	27	53
% Knowledge Improvements	33.33%		42.00%		48.98%		37.74%		49.06%	





**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop**

April 1, 2009

**Evaluation Form and Questionnaire**

**Name**

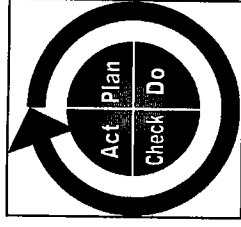
Dave Arcoria

**Title**

Env. Compliance Tech.

**Facility/Organization:**

NBC



How would you assess:	BEFORE participating in this workshop			AFTER (as a result of) this workshop		
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High	Low	Medium	High
1. Establishing Energy Management Goals:	1	2	(3)	4	5	
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	(2)	3	4	5	
3. Developing an Energy Policy Statement:	1	2	(3)	4	5	
4. Establishing Energy Objectives and Targets:	1	2	(3)	4	5	
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2)	3	4	5	

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:			My interest in learning more about this topic is:		
	Low	Medium	High	Low	Medium	High
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	
The ENERGY STAR Portfolio Manager:	1	(2)	3	4	5	
Variable Frequency Drives:	(1)	2	3	4	5	
Premium Energy Efficient Motors:	(1)	2	3	4	5	
Energy Efficient Pumps and Pump Systems:	(1)	2	3	4	5	
Energy Efficient Aeration Systems:	1	(2)	3	4	5	
Energy Efficient Lighting:	1	2	3	4	5	

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	(1)	2	3	4	5	1	2	3	4	(5)
Energy Bills (Supply and Demand Costs):	1	(2)	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	(1)	2	3	4	5	1	2	3	4	(5)
Vehicle/Fleet Energy Issues:	1	2	3	(4)	5	1	2	3	4	(5)
Carbon Trading Programs:	(1)	2	3	4	5	1	2	3	4	(5)
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	2	3	4	(5)
National Grid Rebate Programs:	1	(2)	3	4	5	1	2	3	4	(5)
Rhode Island Energy Related Legislation:	1	(2)	3	4	5	1	2	3	4	(5)

1. What were the 1-3 things you found most useful in the Workshop?  
Quality Presentation      Room Layout      Handouts
2. What were the 1-3 things you found that were least useful in the Workshop?  
\_\_\_\_\_
3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?  
\_\_\_\_\_
4. What could have made the Workshop more useful to you?  
\_\_\_\_\_
5. What, if anything, will you do next as a result of this Workshop?  
\_\_\_\_\_
6. What are 1-3 things you would like to see happen as a result of this Workshop?  
\_\_\_\_\_

Do you have any suggestion on how this program could be improved?

---



---



---



---



---

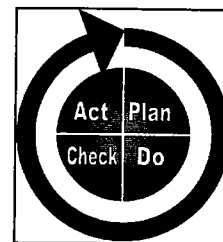


---



---

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name

Carmine J. Gnerenti

Title

Operations Manager

Facility/Organization:

Fields' Pond WWTF - NBC

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	(2)	3	4	5	1	2	(3)	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	(3)	4	5	1	2	(3)	4	5
3. Developing an Energy Policy Statement:	(1)	2	3	4	5	1	2	(3)	4	5
4. Establishing Energy Objectives and Targets:	1	2	(3)	4	5	1	2	3	(4)	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	(1)	2	3	4	5	1	2	(3)	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	1	(2)	3	4	5	1	2	3	(4)	5
The ENERGY STAR Portfolio Manager:	1	(2)	3	4	5	1	2	3	4	(5)
Variable Frequency Drives:	1	(2)	3	4	5	1	2	(3)	4	5
Premium Energy Efficient Motors:	1	(2)	3	4	5	1	<del>2</del>	(3)	4	5
Energy Efficient Pumps and Pump Systems:	1	(2)	3	4	5	1	2	(3)	4	5
Energy Efficient Aeration Systems:	1	(2)	3	4	5	1	2	(3)	4	5
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	(3)	4	5
Power Factors and Power Factor Correction Equipment:	(1)	2	3	4	5	1	2	(3)	4	5
Wind Energy:	1	2	(3)	4	5	1	2	3	(4)	5
Solar Energy:	1	(2)	3	4	5	1	2	3	(4)	5
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	1	(2)	3	4	5
Combined Heat and Power (Cogeneration) Systems:	(1)	2	3	4	5	1	(2)	3	4	5

Back



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	(1)	2	3	4	5	(1)	2	3	4	5
Energy Bills (Supply and Demand Costs):	(1)	2	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	1	(2)	3	4	5	1	2	(3)	4	5
Vehicle/Fleet Energy Issues:	1	(2)	3	4	5	1	2	(3)	4	5
Carbon Trading Programs:	(1)	2	3	4	5	1	(2)	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	(2)	3	4	5
National Grid Rebate Programs:	1	(2)	3	4	5	1	(2)	3	4	5
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	1	2	(3)	4	5

1. What were the 1-3 things you found most useful in the Workshop?

Barry's use of the Portfolio Mgr.

2. What were the 1-3 things you found that were least useful in the Workshop?

It got a little bogged down w/ insignificant information

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

How to use the Portfolio Mgr tool

4. What could have made the Workshop more useful to you?

more "How to" information instead of theory

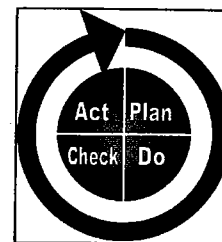
5. What, if anything, will you do next as a result of this Workshop?

attend Portfolio Mgr training w/ René Ans

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name

Douglas Nettleton

Title

Superintendent

Facility/Organization:

Barborough WASTEWATER T.P.

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	3	4	5	1	2	3	4	5
3. Developing an Energy Policy Statement:	1	2	3	4	5	1	2	3	4	5
4. Establishing Energy Objectives and Targets:	1	2	3	4	5	1	2	3	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	3	4	5	1	2	3	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	5
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5

Back

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	1	(2)	3	4	5	1	2	(3)	4	5
Energy Bills (Supply and Demand Costs):	1	(2)	3	4	5	1	2	(3)	4	5
Energy Demand Response Programs:	1	(2)	3	4	5	1	2	(3)	4	5
Vehicle/Fleet Energy Issues:	1	(2)	3	4	5	1	2	(3)	4	5
Carbon Trading Programs:	1	(2)	3	4	5	1	2	(3)	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	2	(3)	4	5
National Grid Rebate Programs:	1	(2)	3	4	5	1	2	(3)	4	5
Rhode Island Energy Related Legislation:	1	(2)	3	4	5	1	2	(3)	4	5

1. What were the 1-3 things you found most useful in the Workshop?

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

*Team work The need to have access to information*

4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

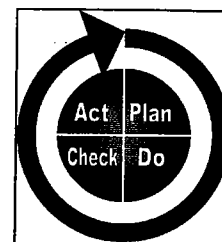
*I have collected data as required*

6. What are 1-3 things you would like to see happen as a result of this Workshop?

*meet with National Grid - go over electric bills*

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name Paul M Robertson

Title Plant Operator

Facility/Organization: Jamestown Wastewater Facility

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium		High		Low	Medium		High	
1. Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	3	4	5	1	2	3	4	5
3. Developing an Energy Policy Statement:	1	2	3	4	5	1	2	3	4	5
4. Establishing Energy Objectives and Targets:	1	2	3	4	5	1	2	3	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	3	4	5	1	2	3	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low		Medium		High	Low		Medium		High
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	5
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	(1)	2	3	4	5	1	2	3	4	(5)
Energy Bills (Supply and Demand Costs):	1	(2)	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	1	(2)	3	4	5	1	2	3	(4)	5
Vehicle/Fleet Energy Issues:	1	(2)	3	4	5	1	2	(3)	4	5
Carbon Trading Programs:	(1)	2	3	4	5	1	2	(3)	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	2	(3)	4	5
National Grid Rebate Programs:	(1)	2	3	4	5	1	2	3	4	(5)
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	1	2	3	4	(5)

1. What were the 1-3 things you found most useful in the Workshop?

Current energy programs - Energy conservation programs - Current energy Technologies

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

4. What could have made the Workshop more useful to you?

More information about energy calculators & or templates/web sites

5. What, if anything, will you do next as a result of this Workshop?

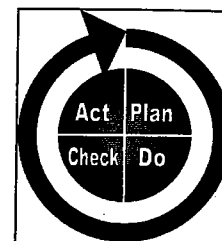
Pursue energy saving opportunities with my employer

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Future informational meetings. current events, grants, New technologies

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name DAVID CHORLTON

Title ELECT/INSTR SPECIALIST

Facility/Organization: WEST WARWICK WASTE TREATMENT

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	(2)	3	(4)	5	1	2	(3)	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	(1)	2	3	4	5	1	2	(3)	4	5
3. Developing an Energy Policy Statement:	1	(2)	3	4	5	1	2	3	(4)	5
4. Establishing Energy Objectives and Targets:	1	(2)	3	4	5	1	2	3	(4)	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	(3)	4	5	1	2	3	(4)	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	1	(2)	3	4	5	1	2	3	(4)	5
The ENERGY STAR Portfolio Manager:	(1)	2	3	4	5	1	(2)	3	4	5
Variable Frequency Drives:	1	2	3	(4)	5	1	2	3	(4)	5
Premium Energy Efficient Motors:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	(3)	4	5
Energy Efficient Aeration Systems:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Lighting:	1	2	3	4	(5)	1	2	3	4	(5)
Power Factors and Power Factor Correction Equipment:	1	2	(3)	4	5	1	2	(3)	4	5
Wind Energy:	(1)	2	3	4	5	1	2	(3)	4	5
Solar Energy:	(1)	2	3	4	5	1	2	(3)	4	5
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	1	2	(3)	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5

Back



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium			High	Low	Medium			High
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

\_\_\_\_\_

2. What were the 1-3 things you found that were least useful in the Workshop?

\_\_\_\_\_

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

\_\_\_\_\_

4. What could have made the Workshop more useful to you?

\_\_\_\_\_

5. What, if anything, will you do next as a result of this Workshop?

\_\_\_\_\_

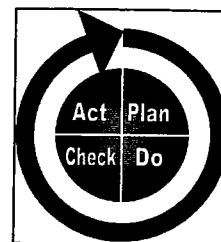
6. What are 1-3 things you would like to see happen as a result of this Workshop?

\_\_\_\_\_

Do you have any suggestion on how this program could be improved?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name PETER ELORIDGE  
 Title SUPERINTENDENT  
 Facility/Organization: W. WARRICK WWT

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	3	4	5	1	2	3	4	5
3. Developing an Energy Policy Statement:	1	2	3	4	5	1	2	3	4	5
4. Establishing Energy Objectives and Targets:	1	2	3	4	5	1	2	3	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	3	4	5	1	2	3	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	5
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5

Back

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

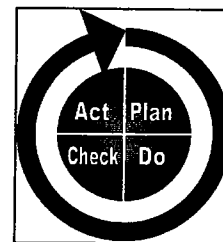
4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name Janine Burke

Title Executive Director

Facility/Organization: Warwick Sewer Authority

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	2	(3)	4	5	1	2	3	(4)	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	(2)	3	4	5	1	2	(3)	4	5
3. Developing an Energy Policy Statement:	1	(2)	3	4	5	1	2	(3)	4	5
4. Establishing Energy Objectives and Targets:	1	(2)	3	4	5	1	2	(3)	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	(3)	4	5	1	2	3	(4)	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	2	3	4	(5)
The ENERGY STAR Portfolio Manager:	(1)	2	3	4	5	1	2	3	4	(5)
Variable Frequency Drives:	1	2	(3)	4	5	1	2	(3)	4	5
Premium Energy Efficient Motors:	1	(2)	3	4	5	1	2	3	(4)	5
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	(3)	4	5
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	(4)	5
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	(3)	4	5
Power Factors and Power Factor Correction Equipment:	1	(2)	3	4	5	1	2	3	(4)	5
Wind Energy:	1	2	(3)	4	5	1	2	(3)	4	5
Solar Energy:	1	2	(3)	4	5	1	2	3	4	(5)
Geothermal Energy (i.e. heat pumps):	1	2	(3)	4	5	1	2	3	(4)	5
Combined Heat and Power (Cogeneration) Systems:	1	2	(3)	4	5	1	2	3	(4)	5

Back

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	1	(2)	3	4	5	1	2	3	(4)	5
Energy Bills (Supply and Demand Costs):	1	2	(3)	4	5	1	2	3	(4)	5
Energy Demand Response Programs:	1	2	(3)	4	5	1	2	(3)	4	5
Vehicle/Fleet Energy Issues:	1	2	(3)	4	5	1	2	(3)	4	5
Carbon Trading Programs:	1	2	(3)	4	5	1	2	3	4	(5)
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	(3)	4	5	1	2	3	(4)	5
National Grid Rebate Programs:	1	2	(3)	4	5	1	2	3	(4)	5
Rhode Island Energy Related Legislation:	1	2	(3)	4	5	1	2	3	(4)	5

1. What were the 1-3 things you found most useful in the Workshop?

*Interaction w/ peers*

2. What were the 1-3 things you found that were least useful in the Workshop?

*Didn't review the Guidebook*

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

6. What are 1-3 things you would like to see happen as a result of this Workshop?

*Continued group meetings*

Do you have any suggestion on how this program could be improved?

---



---



---



---



---



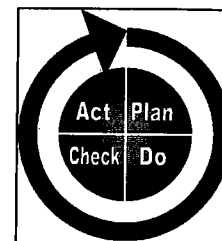
---



---



**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name RICHARD ESTEV

Title DEPUTY DIRECTOR UTILITIES- FINANCE

Facility/Organization: CITY OF NEWPORT

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	(2)	3	4	5	1	2	(3)	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	(2)	3	4	5	1	2	(3)	4	5
3. Developing an Energy Policy Statement:	1	(2)	3	4	5	1	2	(3)	4	5
4. Establishing Energy Objectives and Targets:	1	(2)	3	4	5	1	2	(3)	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2)	3	4	5	1	2	(3)	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	(2)	3	4	5
The ENERGY STAR Portfolio Manager:	(1)	2	3	4	5	1	(2)	3	4	5
Variable Frequency Drives:	1	(2)	3	4	5	1	(2)	3	4	5
Premium Energy Efficient Motors:	1	(2)	3	4	5	1	(2)	3	4	5
Energy Efficient Pumps and Pump Systems:	(1)	2	3	4	5	(1)	2	3	4	5
Energy Efficient Aeration Systems:	(1)	2	3	4	5	(1)	2	3	4	5
Energy Efficient Lighting:	1	(2)	3	4	5	1	(2)	3	4	5
Power Factors and Power Factor Correction Equipment:	(1)	2	3	4	5	(1)	2	3	4	5
Wind Energy:	(1)	2	3	4	5	1	(2)	3	4	5
Solar Energy:	(1)	2	3	4	5	1	(2)	3	4	5
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	(1)	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	(2)	3	4	5	1	(2)	3	4	5

Back





Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	(1)	2	3	4	5	(1)	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	(3)	4	5	1	2	(3)	4	5
Energy Demand Response Programs:	1	(2)	3	4	5	1	(2)	3	4	5
Vehicle/Fleet Energy Issues:	1	(2)	3	4	5	1	(2)	3	4	5
Carbon Trading Programs:	(1)	2	3	4	5	(1)	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	(2)	3	4	5
National Grid Rebate Programs:	(1)	2	3	4	5	1	(2)	3	4	5
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	(1)	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

HOW TO GET PROGRAM STARTED ALTERNATIVE ENERGY ENERGY STAR

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

STARTING PROGRAM

4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

GET ENERGY PROGRAM STARTED

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

---



---



---



---

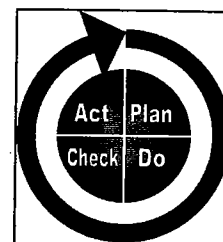


---



---

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name Vasilios Harris  
 Title Facility Engineer  
 Facility/Organization: Quemet Water/Wastewater

How would you assess:	BEFORE participating in this workshop			AFTER (as a result of) this workshop		
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High	Low	Medium	High
1. Establishing Energy Management Goals:	1	(2)	3	4	5	1 2 3 (4) 5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	(2)	3	4	5	1 2 (3) 4 5
3. Developing an Energy Policy Statement:	1	(2)	3	4	5	1 2 3 (4) 5
4. Establishing Energy Objectives and Targets:	1	(2)	3	4	5	1 2 3 (4) 5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2)	3	4	5	1 2 3 (4) 5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:			My interest in learning more about this topic is:		
	Low	Medium	High	Low	Medium	High
The ENERGY STAR Benchmarking tool:	1	(2)	3	4	5	1 2 3 (4) 5
The ENERGY STAR Portfolio Manager:	1	(2)	3	4	5	1 2 3 (4) 5
Variable Frequency Drives:	1	2	3	(4)	5	1 2 3 (4) 5
Premium Energy Efficient Motors:	1	2	3	(4)	5	1 2 3 (4) 5
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1 2 (3) 4 5
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1 2 (3) 4 5
Energy Efficient Lighting:	1	2	(3)	4	5	1 2 (3) 4 5
Power Factors and Power Factor Correction Equipment:	1	2	(3)	4	5	1 2 (3) 4 5
Wind Energy:	1	2	(3)	4	5	1 2 (3) 4 5
Solar Energy:	1	2	(3)	4	5	1 2 (3) 4 5
Geothermal Energy (i.e. heat pumps):	1	2	(3)	4	5	1 2 (3) 4 5
Combined Heat and Power (Cogeneration) Systems:	1	2	(3)	4	5	1 2 (3) 4 5

Back

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low		Medium		High	Low		Medium		High
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

4. What could have made the Workshop more useful to you?

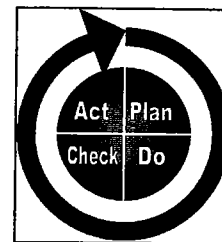
5. What, if anything, will you do next as a result of this Workshop?

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

Round Table Meetings should be very helpful  
& informative on initiatives

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name ROB MORTIN

Title FACILITY MANAGER

Facility/Organization: Q.D.C.

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	3	4	5	1	2	3	4	5
3. Developing an Energy Policy Statement:	1	2	3	4	5	1	2	3	4	5
4. Establishing Energy Objectives and Targets:	1	2	3	4	5	1	2	3	4	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	3	4	5	1	2	3	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	5
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5

Back

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

Group Participation Exercise - Trip Slide Show

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

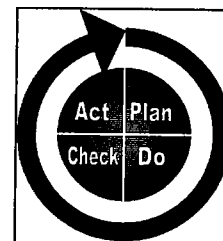
4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name John Martin  
 Title Supt.  
 Facility/Organization: Burnsville Sewer Comm.

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low		Medium		High	Low		Medium		High
1. Establishing Energy Management Goals:	1	2	(3)	4	5	1	2	3	(4)	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	3	(4)	5	1	2	3	(4)	5
3. Developing an Energy Policy Statement:	1	(2)	3	4	5	1	2	(3)	4	5
4. Establishing Energy Objectives and Targets:	1	2	(3)	4	5	1	2	3	(4)	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2)	3	4	5	1	2	3	(4)	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low		Medium		High	Low		Medium		High
The ENERGY STAR Benchmarking tool:	1	2	(3)	4	5	1	2	3	(4)	5
The ENERGY STAR Portfolio Manager:	1	2	3	(4)	5	1	2	3	(4)	5
Variable Frequency Drives:	1	2	3	(4)	5	1	2	3	(4)	5
Premium Energy Efficient Motors:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Pumps and Pump Systems:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	(4)	5
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	3	(4)	5
Power Factors and Power Factor Correction Equipment:	1	2	(3)	4	5	1	2	3	(4)	5
Wind Energy:	1	(2)	3	4	5	1	2	(3)	4	5
Solar Energy:	1	(2)	3	4	5	1	2	3	(4)	5
Geothermal Energy (i.e. heat pumps):	1	(2)	3	4	5	1	(2)	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	(2)	3	4	5	1	(2)	3	4	5

Back



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

\_\_\_\_\_

2. What were the 1-3 things you found that were least useful in the Workshop?

\_\_\_\_\_

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

\_\_\_\_\_

4. What could have made the Workshop more useful to you?

\_\_\_\_\_

5. What, if anything, will you do next as a result of this Workshop?

\_\_\_\_\_

6. What are 1-3 things you would like to see happen as a result of this Workshop?

\_\_\_\_\_

Do you have any suggestion on how this program could be improved?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



Name MATTHEW A. CALDERISI  
 Title SUPERINTENDENT  
 Facility/Organization: TOWN OF BRISTOL

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low		Medium		High	Low		Medium		High
1. Establishing Energy Management Goals:	1	2	(3)	4	5	1	2	3	(4)	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	1	2	(3)	4	5	1	2	3	(4)	5
3. Developing an Energy Policy Statement:	1	2	(3)	4	5	1	2	3	(4)	5
4. Establishing Energy Objectives and Targets:	1	2	(3)	4	5	1	2	3	(4)	5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	(3)	4	5	1	2	3	(4)	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low		Medium		High	Low		Medium		High
The ENERGY STAR Benchmarking tool:	1	(2)	3	4	5	1	2	(3)	4	5
The ENERGY STAR Portfolio Manager:	1	(2)	3	4	5	1	2	(3)	4	5
Variable Frequency Drives:	1	2	3	(4)	5	1	2	3	(4)	5
Premium Energy Efficient Motors:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Pumps and Pump Systems:	1	2	3	(4)	5	1	2	3	(4)	5
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	(3)	4	5
Energy Efficient Lighting:	1	2	3	(4)	5	1	2	3	(4)	5
Power Factors and Power Factor Correction Equipment:	(1)	2	3	4	5	(1)	2	3	4	5
Wind Energy:	1	(2)	3	4	5	1	2	(3)	4	5
Solar Energy:	1	(2)	3	4	5	1	2	(3)	4	5
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	(1)	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	(1)	2	3	4	5	(1)	2	3	4	5

Back



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low		Medium		High	Low		Medium		High
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

1. What were the 1-3 things you found most useful in the Workshop?

2. What were the 1-3 things you found that were least useful in the Workshop?

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

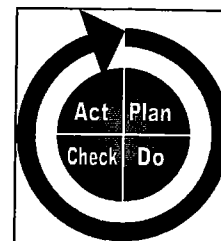
4. What could have made the Workshop more useful to you?

5. What, if anything, will you do next as a result of this Workshop?

6. What are 1-3 things you would like to see happen as a result of this Workshop?

Do you have any suggestion on how this program could be improved?

**Sustainable Energy Management  
For Wastewater Treatment Facilities  
Guidebook Training Workshop  
April 1, 2009  
Evaluation Form and Questionnaire**



**Name** Douglas Ouellette  
**Title** Superintendent  
**Facility/Organization:** Jamestown WWTF

How would you assess:	BEFORE participating in this workshop					AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low	Medium	High			Low	Medium	High		
1. Establishing Energy Management Goals:	(1)	2	3	4	5	1	2	(3)	4	5
2. Collecting Information about Energy Use through Benchmarking and Audits:	(1)	2	3	4	5	1	2	3	(4)	5
3. Developing an Energy Policy Statement:	(1)	2	3	4	5	1	2	3	(4)	5
4. Establishing Energy Objectives and Targets:	1	(2)	3	4	5	1	2	3	4	(5)
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2)	3	4	5	1	2	3	4	(5)

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	2	3	4	(5)
The ENERGY STAR Portfolio Manager:	(1)	2	3	4	5	1	2	3	4	(5)
Variable Frequency Drives:	1	2	(3)	4	5	1	2	3	4	(5)
Premium Energy Efficient Motors:	1	2	(3)	4	5	1	2	3	4	(5)
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	3	4	(5)
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	4	(5)
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	3	4	(5)
Power Factors and Power Factor Correction Equipment:	(1)	2	3	4	5	1	2	3	4	(5)
Wind Energy:	(1)	2	3	4	5	1	2	3	4	(5)
Solar Energy:	(1)	2	3	4	5	1	2	3	4	(5)
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	1	2	3	4	(5)
Combined Heat and Power (Cogeneration) Systems:	(1)	2	3	4	5	1	2	3	4	(5)

Back



Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is:					My interest in learning more about this topic is:				
	Low	Medium	High			Low	Medium	High		
Hydroelectric Systems:	(1)	2	3	4	5	1	2	(3)	4	5
Energy Bills (Supply and Demand Costs):	(1)	2	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	(1)	2	3	4	5	1	2	3	4	(5)
Vehicle/Fleet Energy Issues:	(1)	2	3	4	5	1	2	(3)	4	5
Carbon Trading Programs:	(1)	2	3	4	5	1	2	(3)	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	(1)	2	3	4	5	1	2	3	4	(5)
National Grid Rebate Programs:	(1)	2	3	4	5	1	2	3	4	(5)
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	1	2	3	4	(5)

1. What were the 1-3 things you found most useful in the Workshop?

*How important it is to start tracking energy use*

2. What were the 1-3 things you found that were least useful in the Workshop?

\_\_\_\_\_

3. What were the 1-3 'take away' points, insight, or lessons learned from the Workshop?

*That there are alot of Resource out there to use*

4. What could have made the Workshop more useful to you?

\_\_\_\_\_

5. What, if anything, will you do next as a result of this Workshop?

\_\_\_\_\_

6. What are 1-3 things you would like to see happen as a result of this Workshop?

\_\_\_\_\_

Do you have any suggestion on how this program could be improved?

*its all good d have enjoyed them Both*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_